

CLAIMS

1. A phenol resin molding material comprising 100 parts by weight of a resol type phenol resin, 40 to 100 parts by weight of an inorganic fiber, 30 to 90 parts by weight of a natural silica powder having an average particle size of 0.5 to 15 μ m and subjected to a coupling agent treatment and 1 to 15 parts by weight of a rubber component as main components.

2. A phenol resin molding material comprising 100 parts by weight of a resol type phenol resin, 40 to 100 parts by weight of an inorganic fiber, 30 to 90 parts by weight of a natural silica powder having an average particle size of 0.5 to 15 μ m and subjected to a coupling agent treatment and 1 to 15 parts by weight of a rubber component as main components, wherein the inorganic fiber contains 50% by weight or more of a glass fiber.

3. A phenol resin molding material comprising 100 parts by weight of a resol type phenol resin, 40 to 100 parts by weight of an inorganic fiber, 30 to 90 parts by weight of a natural silica powder having an average particle size of 0.5 to 15 μ m and subjected to a coupling agent treatment and 1 to 15 parts by weight of a rubber component as main components, wherein the natural silica powder has a crushed shape.

4. A phenol resin molding material comprising 100 parts by weight of a resol type phenol resin, 40 to 100 parts by weight of an inorganic fiber, 30 to 90 parts by weight of a natural silica powder having an average particle size of 0.5 to 15 μ m and subjected to a coupling agent treatment and 1 to 15 parts by weight of a rubber component as main components, wherein the inorganic fiber contains 50% by weight or more of a glass fiber and the natural silica powder has a crushed shape.

5. A resin pulley molded with the phenol resin molding material according to any one of claims 1 to 4.